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CLAIMS

1. A method for monitoring activity on a computer network, comprising:
 - 5 providing a map of a group of resources, which are accessible via the computer network;
 - tracking access of the resources in the group by computer users, so as to identify one or more of the users with respective resources that they are accessing; and
- 10 registering the identification of the one or more users and their respectively-accessed resources with the map.
2. A method according to claim 1, wherein providing the map comprises generating a graph having nodes corresponding to the resources and edges corresponding to links between the resources.
- 15 3. A method according to claim 1, wherein providing the map comprises mapping a group of pages configured for reading by a browser program.
- 20 4. A method according to claim 3, wherein mapping the group of pages comprises mapping pages of a World Wide Web site.
- 25 5. A method according to claim 3, wherein tracking the access comprises receiving notification when one of the users enters or leaves one of the pages.
- 30 6. A method according to claim 5, wherein receiving the notification comprises monitoring at least some of the pages using a synchronous event server coupled to the network and receiving event indications from the server with respect to the pages.
7. A method according to claim 1, wherein registering the identification comprises providing for one or more of

the resources respective lists of the users accessing the resources.

8. A method according to claim 1, wherein registering the identification comprises providing on the map for one or more of the resources indications of the respective numbers of users accessing the resources.
5

9. A method according to claim 8, wherein providing the indications comprises providing an icon having the form of a container for receiving a substance, such that a fill level of the substance in the container indicates a relative number of the users accessing the respective resource.
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10. A method according to claim 1, wherein registering the identification comprises selecting one of the users and marking on the map the resources that the selected user has accessed.
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11. A method according to claim 1, and comprising initiating a synchronous communication with at least one of the users responsive to the registered identification of the user with the respectively-accessed resource while the user is accessing the resource.
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12. A method according to claim 11, wherein initiating the synchronous communication comprises opening a chat session with one or more of the users accessing a given resource.
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13. A method for visualizing access to a computer resource, comprising:

counting the number of times that the resource is accessed;

30 displaying an identification of the resource on a computer display; and

displaying an icon in association with the identification, the icon having the form of a container for receiving a substance, such that a fill level of the substance in the container indicates the number of times
5 that the resource is accessed.

14. A method according to claim 13, wherein the substance comprises a fluid, whose level in the container rises as the number increases.

15. A method according to claim 14, wherein a color
10 representing the substance inside the container changes as the number increases.

16. A method according to claim 13, wherein the resource comprises a Web page, and wherein counting the number of times that the resource is accessed comprises counting a
15 number of visitors to the Web page.

17. A method for interactive access to a group of resources via a computer network, comprising:

accessing a first resource in the group via the network;

20 receiving information, responsive to accessing the first resource, regarding a user who is accessing a second resource in the group; and

25 communicating with the user via the network responsive to the information, while the user is accessing the second resource.

18. A method according to claim 17, wherein the group of resources comprises a group of Web pages configured for reading by a browser program, such that accessing the first resource comprises browsing a first page, and
30 accessing the second resource comprises browsing a second page, and wherein communicating with the user comprises communicating while browsing the pages.

19. A method according to claim 18, wherein the group of
pages comprises a World Wide Web site, and wherein
receiving the information comprises receiving information
regarding visitors to pages of the site other than the
5 first page.
20. A method according to claim 18, wherein receiving
the information comprises receiving notification when the
user enters or leaves one of the pages in the group.
21. A method according to claim 20, wherein receiving
10 the notification comprises monitoring at least some of
the pages using a synchronous event server coupled to the
network and receiving event indications from the server
with respect to the pages.
22. A method according to claim 18, wherein receiving
15 the information comprises receiving information
responsive to program code embedded in a textual
description of one or more of the Web pages read by the
browser program.
23. A method according to claim 17, wherein receiving
20 the information comprises receiving for at least the
second resource a list of users accessing the resource.
24. A method according to claim 23, wherein
communicating with the user comprises automatically
opening a communication link responsive to selection from
25 the list of the user with whom to communicate.
25. A method according to claim 17, wherein receiving
the information comprises receiving an indication of the
number of users accessing the second resource.
26. A method according to claim 17, wherein
30 communicating with the user comprises opening a chat
session with the user.

27. A method according to claim 17, wherein communicating with the user comprises sharing an application related to the resources with the user.
28. A terminal for managing a group of resources, which
5 are accessible via the computer network, comprising:
 a display, adapted to display a map of the resources in the group; and
 a processor, adapted to track access of the resources by computer users, so as to identify one or
10 more of the users with respective resources that they are accessing, and to register the identification of the one or more users and their respectively-accessed resources with the map on the display.
29. A terminal according to claim 28, wherein the map
15 comprises a map of a group of pages configured for reading by a browser program.
30. A terminal according to claim 29, wherein the group of pages comprises pages of a World Wide Web site, which is managed by means of the terminal.
- 20 31. A terminal according to claim 29, wherein the processor is configured to receive notification when one of the users enters or leaves one of the pages.
- 25 32. A terminal according to claim 31, wherein the notification is provided by a synchronous event server coupled to the network.
33. A terminal according to claim 32, wherein the processor is further adapted to establish a synchronous connection with one or more of the computer users by means of the synchronous event server.
- 30 34. A terminal according to claim 28, wherein the processor is adapted to generate, for one or more of the

resources, respective lists of the users accessing the resources.

35. A terminal according to claim 28, wherein the processor is adapted to generate, for one or more of the 5 resources, indications on the display of the respective numbers of users accessing the resources.

36. A terminal according to claim 28, wherein the processor is adapted, for a selected one of the users, to drive the display so as to mark on the map the resources 10 that the selected user has accessed.

37. A terminal according to claim 28, wherein the processor is adapted to initiate a synchronous communication with at least one of the users responsive to the registered identification of the user with the 15 respectively-accessed resource while the user is accessing the resource.

38. A terminal according to claim 37, wherein the synchronous communication comprises a chat session.

39. A terminal for visualizing access to a computer 20 resource, comprising:

a display, adapted to display an identification of the resource; and

a processor, adapted to drive the display to display an icon in association with the identification, 25 responsive to the number of times that the resource is accessed, the icon having the form of a container for receiving a substance, such that a fill level of the substance in the container indicates the number of times that the resource is accessed.

30 40. Apparatus for providing interactive access by a first user to a group of resources via a computer network, the apparatus comprising:

a display, adapted to display information; and
a processor, adapted to communicate via the network
so as to access a first resource in the group via the
network and to receive information, responsive to
5 accessing the first resource, regarding a second user who
is accessing a second resource in the group and to drive
the display to display the information,

wherein the processor is operative to enable the
first user to communicate with the second user via the
10 network responsive to the information, while the second
user is accessing the second resource.

41. Apparatus according to claim 40, wherein the group
of resources comprises a group of Web pages configured
for reading by a browser program run by the processor,
15 such that the first resource comprises a first page, and
the second resource comprises a second page, and wherein
the processor is configured to enable the first and
second users to communicate while browsing the pages.

42. Apparatus according to claim 41, wherein the group
20 of pages comprises a World Wide Web site, and wherein the
processor is adapted to receive information regarding
visitors to pages of the site other than the first page.

43. Apparatus according to claim 41, wherein the
processor is adapted to receive notification when the
25 second user enters or leaves one of the pages in the
group.

44. Apparatus according to claim 43, wherein the
processor is adapted to communicate with a synchronous
event server coupled to the network and to receive event
30 indications from the server with respect to the pages so
as to monitor other users entering and leaving the pages.

45. Apparatus according to claim 41, wherein the pages contain program code embedded in a textual description thereof read by the browser program, which enables the processor to receive the information regarding the second
5 user.

46. Apparatus according to claim 41, wherein the processor is configured to enable the first user to open a chat session with the second user.

47. Apparatus according to claim 41, wherein the
10 processor is configured to enable the first user to share an application related to the resources with the second user.

48. A method for tracking visitors to a group of virtual places accessible via a computer network, the method
15 comprising:

generating event indications responsive to access by one or more of the visitors to at least a first virtual place; and

conveying the event indications to a client for the
20 information of a user of the client who is not visiting the first virtual place.

49. A method according to claim 48, wherein generating the event indications comprises initiating an observer process associated with the first virtual place, so as to
25 generate the event indications.

50. A method according to claim 49, wherein initiating the observer process comprises initiating observer processes at a plurality of the virtual places.

51. A method according to claim 48, wherein the virtual
30 places comprise Web pages.

52. A method according to claim 48, and comprising opening a synchronous communication link between the user of the client and at least one of the visitors.

53. A method according to claim 52, wherein opening the synchronous communication link comprises opening a chat window.

54. A method according to claim 52, wherein opening the synchronous link comprises providing a shared application.

10 55. A synchronous server, comprising a processor coupled to a computer network, which is adapted to track visitors to a group of virtual places accessible via the network so as to generate event indications responsive to access by one or more of the visitors to at least a first
15 virtual place, and to convey the event indications to a client for the information of a user of the client who is not visiting the first virtual place.

56. A server according to claim 55, wherein the virtual places comprise Web pages.

20 57. A server according to claim 55, wherein the processor is adapted to open a synchronous communication link between the user of the client and at least one of the visitors.

25 58. A computer software product for monitoring activity on a computer network, the product comprising a computer-readable medium having program instructions stored therein, which when read by a computer, cause the computer to display a map of a group of resources, which are accessible via the computer network, and to track
30 access of the resources in the group by computer users so as to identify one or more of the users with respective resources that they are accessing and to register the

identification of the one or more users and their respectively-accessed resources with the map.

59. A computer software product for visualizing access to a computer resource, the product comprising a
computer-readable medium having program instructions stored therein, which when read by a computer, cause the computer to maintain a count of the number of times that the resource is accessed and to display, in association with an identification of the resource on a computer
10 display, an icon having the form of a container for receiving a substance, such that a fill level of the substance in the container indicates the number of times that the resource is accessed.

60. A computer software product for interactive access to a group of resources via a computer network, the product comprising a computer-readable medium having program instructions stored therein, which when read by a computer operated by a first user, cause the computer, upon accessing a first resource in the group via the network, to receive information, responsive to accessing the first resource, regarding a second user who is accessing a second resource in the group, and to establish communications via the network between the first and second users via the network responsive to the
20 information, while the second user is accessing the second resource.
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61. A computer software product for tracking visitors to a group of virtual places accessible via a computer network, the product comprising a computer-readable medium having program instructions stored therein, which when read by a server, cause the server to generate event indications responsive to access by one or more of the visitors to at least a first virtual place, and to convey
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the event indications to a client for the information of
a user of the client who is not visiting the first
virtual place.

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